	IN THE UNITED S	TATES PATENT AND T	RADEMARK OFFI	CE	
First Named Inventor :	Joseph W. St. GEME III				
Appln. No. :	10/080,505				
Filed :	22 February 2002		Group Art U	nit : 1	645
Title :	HAEMOPHILUS ADHEI PENETRATION PROTE		Examiner		lot yet ssigned
		ATION AND POWER OF TILITY PATENT APPI (37 C.F.R. § 1.63)			
As a below nan	ned inventor, I hereby decla	re that my mailing address	and citizenship are	as stated below.	
I believe I am the plural names are listed b	he original, first and sole in elow) of the subject matter	ventor (if only one name is that is claimed and for wh	s listed below) or an ich a patent is sough	original, first and the invention	nd joint inventor (if on entitled:
	HAEMOPHILUS A	DHERENCE AND PENE	TRATION PROTEI	NS	
the specification	n of which:				
is attached	hereto OR				
	n 22 February 2002 as Unit	ed States Application Num n (if applicable)	aber 10/080,505 or P	CT Internationa	al Application
	hat I have reviewed and und ment specifically referred to		above-identified sp	ecification, incl	uding the claims, as
including for continuation	the duty to disclose information-in-part applications, material or PCT international file	erial information which be	came available betw	een the filing d	n 37 C.F.R. 1.56, ate of the prior
		OR FOREIGN APPLICA			
inventor's certificate, o States of America, liste	n foreign priority benefits un r 365(a) of any PCT interna ed below and have also iden international application ha	tional application which d tified below, by checking	esignated at least on the box, any foreign	e country other application for	than the United patent or inventor's
Prior Foreign	Country	Foreign Filing Date	Priority Not		Copy Attached?
Application Number	(s)		Claimed	Yes	No
					<del>                                     </del>

### PRIOR US APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §§ 119/120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose to the Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application as listed below.

Application Number(s)	Filing Date	Status
08/296,791	25 August 1994	Issued
09/839,996	20 April 2001	Pending

#### **POWER OF ATTORNEY**

I hereby appoint the Dorsey & Whitney LLP attorneys and agents associated with <u>Customer Number 32940</u> to prosecute the patent application identified above and to transact all business in the Patent and Trademark Office connected therewith, including full power of association, substitution, and revocation.

#### PLEASE DIRECT ALL CORRESPONDENCE TO:

The address associated with Customer Number: 32940, currently:

Name	Richard F. Trecartin, Esq.
Address	DORSEY & WHITNEY LLP Four Embarcadero Center Suite 3400 San Francisco, California 94111-4187
Telephone	(415) 781-1989
Fax	(415) 398-3249

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Sole or First Inventor	:	***			
Given Name (First and middle)		Family Name or Surname			
Joseph, W.			St. GEME III		
Inventor's Signature	- MephA	Ar Somes	1	Date: 8/23/12	
Residence	St/Louis	Missouri	63117	Citizenship: U.S.	
	Ćity	State	Zip		
Post Office Address	45 Berkshire D	Prive, St. Louis, MO 63	3117		



#### **ASSIGNMENT**

WHEREAS, the undersigned

1) Joseph W. St. GEME III, resident of St. Louis, county of Clayton, state of Missouri

(hereinafter termed "Inventor(s)"), has invented certain new and useful improvements in

## HAEMOPHILUS ADHERENCE AND PENETRATION PROTEINS

for which an application for a United States Patent was filed on 22 February 2002 having Application Serial Number 10/080,505 and

WHEREAS, WASHINGTON UNIVERSITY, a corporation of the State of Missouri, having a place of business at One Brookings Drive, St. Louis, Missouri (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:

- I. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.
- Assignee to enable said Assignee to enjoy to the fullest extent the right title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

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- 3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.
- 4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Inventors have executed and delivered this instrument to said Assignee as of the dates below written adjacent to each of their respective signatures.

Signature of Inventor:	
Date: August 23	2002
County of Jefferson )	
State of Missouri ) ss.	
On this	
WITMESS my hand and official seal.	
Signature Sailara Malal	
(S	eal)